Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No ..... Date..... 2015.

Division: BBMP / YNK Sub-Division: Yelahanka Sub – Division.

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional Work Code: 002-15-000031.

Schedule Docket No. Head of Account: Est.Cost: 49.99 Lakhs B.R.No. :

Name of Work : Improvements to drains and providing Asphalting to main and cross roads of yelahanka new town 5th phase in ward no-02 of yelahanka Sub division

Name of Contractor and Full Address: **Technical Manager (West) KRIDL, BBMP, Bangalore.**

Reference to Agreement No. EE/YNK.D/ W.O/113/2014-15. Date: 4-3-2015.

Certified that the measurements were taken by me on ..... and recorded of Pages ..... of measurement Book No. ..... and that the work is satisfactorily executed.

Contractor Officer-in-charge of work

Certified that the measurements were taken by me on .....and found correct. The work is satisfactorily executed.

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

II Memorandum of Payment

		Amount
1)	Total value of work done or supplies made as per account within	
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of	
	b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work. Amount paid on this bill Cheque / Cash.	
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

Contractor's Signature

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Received Rs.....(in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1.
2.

Signature of Contractor

Dated

Paid by me by Cheque No. Dated

Cash Rs.....

Dated.....

Initials of Officer making payment

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Stamp

Rs 42,03,220/-
and Rs 736291/-

Executive Engineer

sl no	Description of work	Unit
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH chaptor	cum
2	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No,	cum
3	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kankeri Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip **complete as per specification item No 17 I page 130** and KSRB M.100 4.1 coslof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	cum
4	KSRB-4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement at 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.67cum machine **mixed, concrete laid in layers not**, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	Cum
5	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	Cum
6	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required. tying with binding wire and anchoring to the adjoining **members wherever necessary** complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3	Quintal
7	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,buttresses,buttresses plinth and string course including cost of all materials, labour complete as per specifications.	sqm
8	RCC Precast covering slab for drain (10cm thick) ,with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	sqm
9	KSRRB M400-6.1: construction of granular sub case providing close graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared **surface and compacting** with vibratory power roller to achieve the desired density, complete as per specifications. A plant Mix methold. gradding I /with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	cum
10	KSRRB M400-17. Providing, laying spreading and compacting graded stones aggregate to wet mix macadam **specifications** including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, No. 154, with all lead and lift etc complete as per specification and direction of engineer incharge of the work	cum
11	KSRRB M500-6: providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH specification NO. 502, No. with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	sqm

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
-	-	426.40	75.60	32235.84	426.40	32235.84	
-	-	349.50	176.04	61525.98	349.50	61525.98	
-	-	775.90	79.10	61373.69	775.90	61373.69	
-	-	52.43	5064.12	265511.81	52.43	265511.81	
-	-	172.80	6065.28	1048080.38	172.80	1048080.38	
-	-	151.07	7254.80	1095982.64	151.07	1095982.64	
-	-	1224	292.68	358240.32	1224.00	358240.32	
-	-	429	1498.00	642642.00	429.00	642642.00	
-	-	120.00	1391.04	166924.80	120.00	166924.80	
-	-	160.00	1438.56	230169.60	160.00	230169.60	
-	-	800.00	35.21	28168.00	800.00	28168.00	

sl no	Description of work	Unit
12	KSRRB 500-11: Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 / 75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack cost with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications, MORTH chapter 5, using 40/60 TPH capacity HMP with Mechanical Paver Gr -II (80 mm to 100mm) with 3.1% VG-30 Bitumen	cum
13	KSRRB 500-7: providing and applying tack coatusing 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding clearing of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications, MORTH chapter 5, with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	sqm
14	KSRRB M500-18: providing and laying Semidence bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 508 using 40-60 TPH capacity HMP with mechanical paver grading II (25-30mm) with 5% CRMB -55 grade, No. with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	cum
		TOTAL

Certificates:

1 The above work is done satisfactorily and complete in all respect.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

Executive Engineer

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
-	-	36.00	6624.72	238489.92	36.00	238489.92	
-	-	800.00	18.74	14992.00	800.00	14992.00	
-	-	20.00	10871.28	217425.60	20.00	217425.60	
				4461500		4461500	
10% KRIDL Service Charge+ 1% labour cess				490765		490765	
Total				4952265		4952265	

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore